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DETAILED ACTION

Priority

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in the pending application.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bruce Gray on 07/15/09. The substance of the interview can be found in the attached interview summary form.

The application has been amended as follows:

LISTING OF CLAIMS:

1. *(Currently Amended) A method of generating characteristic data of illumination around an image display device, comprising:*

obtaining predetermined illumination characteristic data of illumination around the image display device, either using a measurement sensor or directly from a user via an interface;
and

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making the predetermined illumination characteristic data into a data format comprising a type block and an illuminance block,

wherein the type block indicates information on a type of illumination, and the illuminance block indicates information on the illuminance of illumination,

the information on the type of illumination comprising at least one of a color temperature of illumination which is expressed by an 8-bit quantization value and a coordinate value having the range of [0,1] in Chromaticity coordinates of illumination, and

the information on the illuminance of illumination being a numerical illuminance value which is represented in the units of Lux and has a value equal to or greater than 0, and

wherein the type block comprises:

a flag to indicate whether data in a type payload is a color temperature value or a chromaticity coordinate value.

2-3. (Cancelled)

4. (Currently Amended) *The method of claim 31, wherein the information on the type of illumination is about one of an incandescent lamp, a fluorescent lamp, daylight, and skylight.*

5. (Currently Amended) *The method of claim 31, wherein the information on illuminance of illumination is about one of dark, dim, bright, and very bright phases.*

6-9. (Cancelled)

10. (Currently Amended) *The method of claim 21, wherein the predetermined illumination characteristic data obtained by the user interface is transformed using a predetermined mapping*

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table into the illumination characteristic data which comprises information on the type of illumination and information on the illuminance of illumination, wherein the information on the type of illumination comprises at least one of a color temperature of illumination and a coordinate value in chromaticity coordinates of illumination.

11-12. (Cancelled)

13-22. (Previously Presented)

23. (Cancelled)

24. (Previously Presented)

25-39. (Cancelled)

40. (Previously Presented)

41. (Cancelled)

42. (Previously Presented)

43. (Cancelled)

Allowable Subject Matter

3. Claims 1, 4, 5, 10, 13-22, 24, 40 and 42 are allowed.

The following is an examiner's statement of reasons for allowance:

In reference to claims 1 and 19, the prior art of record does not explicitly disclose obtaining illumination characteristics around a display generating a type block and illuminance block, wherein the type block comprises a flag indicating whether a type payload is a color temperature value or a chromaticity coordinate value and wherein the illuminance block

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comprises a numerical value in units of Lux having a value equal to or greater than zero, in combination with the further limitations of claims 1 and 19 respectively.

In reference to claims 4, 5, 10, 13-18 and 20-22 and 24, these claims depend upon allowable claims 1 and 19 and are therefore also deemed allowable.

In reference to claim 40, the prior art of record does not explicitly disclose storing illumination characteristics around a display comprising a type block and illuminance block, wherein the type block comprises a flag indicating whether a type payload is a color temperature value or a chromaticity coordinate value and wherein the illuminance block comprises a numerical value in units of Lux having a value equal to or greater than zero, in combination with the further limitations of claim 40.

In reference to claim 42, the prior art of record does not explicitly disclose storing the invention of claim 1 as a program stored on a computer-readable medium.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

4. Applicant's arguments, see pages 8-9 of Applicant's Remarks, filed 06/18/09, with respect to the 35 USC 101 rejection of claims 1-7 and 10-18 have been fully considered and are persuasive. Therefore, the 35 USC 101 rejection of these claims has been withdrawn since

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amendments to the claims now positively tie a step of the claimed method with another statutory category.

5. Note, all other previous objections and/or rejections to the claims have been rendered moot by the cancellation of those erroneous claims.

6. Note, a further prior art search has been conducted but has yielded no addition, as per prior art rejection purposes, results.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Antonio Caschera whose telephone number is (571) 272-7781.

The examiner can normally be reached Monday-Friday between 7:00 AM and 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung, can be reached at (571) 272-7794.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

571-273-8300 (Central Fax)

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (571) 272-2600.

/Antonio A Caschera/

Primary Examiner, Art Unit 2628

7/24/09